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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

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**FORM 8-K**

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**CURRENT REPORT**

Pursuant to Section 13 or 15(d) of the  
Securities Exchange Act of 1934

Date of report (Date of earliest event reported): November 2, 2010

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**SUNOCO LOGISTICS PARTNERS L.P.**

(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or other jurisdiction  
of incorporation)

**1-31219**  
(Commission  
file number)

**23-3096839**  
(IRS employer  
identification number)

**1818 Market Street, Suite 1500, Philadelphia, PA**  
(Address of principal executive offices)

**19103-7583**  
(Zip Code)

**(215) 977-3000**  
(Registrant's telephone number, including area code)

**N/A**  
(Former name or former address, if changed since last report)

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Check the appropriate box below if the Form 8-K is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 5.02. Departure of Directors or Principal Officers; Election of Directors; Appointment of Principal Officers**

**Bruce G. Fischer has notified Sunoco Partners LLC (the “Company”), general partner of Sunoco Logistics Partners L.P. (the “Partnership”), that he will resign as a director of the Company, effective December 1, 2010. Mr. Fischer had been a member of the Company’s Board of Directors since the Partnership’s initial public offering in 2002.**

**Mr. Fischer’s resignation, which was accepted by the Company on November 2, 2010, was not the result of any disagreement relating to the operations, policies or practices, of either the Company or the Partnership.**

**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

**SUNOCO LOGISTICS PARTNERS LP.**

**By: Sunoco Partners LLC,  
its General Partner**

**By: /s/ MICHAEL D. GALTMAN**  
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Michael D. Galtman  
Controller

**November 5, 2010  
Philadelphia, PA**